

chain nodes :

7	8	9	10	11	12	13	14	15	16	17	25	26	42	43	55	56	57	65	66	73	74	75	76
77	84	85	92	93	94	95	96	97	98	102													

ring nodes :

1	2	3	4	5	6	19	20	21	22	23	24	28	29	30	31	32	33	34	35	36	37	38	39
40	41	45	46	47	48	49	50	51	52	53	54	59	60	61	62	63	64	67	68	69	70	71	71
72	78	79	80	81	82	83	86	87	88	89	90	91											

chain bonds :

6-7	7-8	8-9	9-10	9-102	11-12	11-14	12-13	13-17	14-15	15-16	19-26	21-25	28-42										
40-43	45-57	51-56	53-55	59-73	60-77	62-65	65-66	66-69	67-74	71-76	72-75	78-92											
79-96	81-84	84-97	85-97	85-88	85-98	86-93	90-95	91-94															

ring bonds :

1-2	1-6	2-3	3-4	4-5	5-6	19-20	19-24	20-21	21-22	22-23	23-24	28-29	28-33	29-30									
30-31	31-32	31-34	32-33	32-37	34-35	35-36	35-38	36-37	36-41	38-39	39-40	40-41											
45-46	45-50	46-47	47-48	48-49	48-51	49-50	49-54	51-52	52-53	53-54	59-60	59-64											
60-61	61-62	62-63	63-64	67-68	67-72	68-69	69-70	70-71	71-72	78-79	78-83	79-80											
80-81	81-82	82-83	86-87	86-91	87-88	88-89	89-90	90-91															

exact/norm bonds :

7-8	8-9	9-10	9-102	11-12	11-14	19-20	19-24	19-26	20-21	21-22	21-25	22-23	23-24										
28-42	31-34	32-37	34-35	35-36	35-38	36-37	36-41	38-39	39-40	40-41	40-43	45-57											
48-51	49-54	51-52	52-53	53-54	53-55	60-77	79-96	85-98															

exact bonds :

6-7	12-13	13-17	14-15	15-16	51-56	59-73	62-65	65-66	66-69	67-74	71-76	72-75											
78-92	81-84	84-97	85-97	85-88	86-93	90-95	91-94																

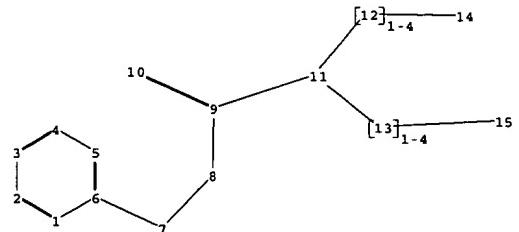
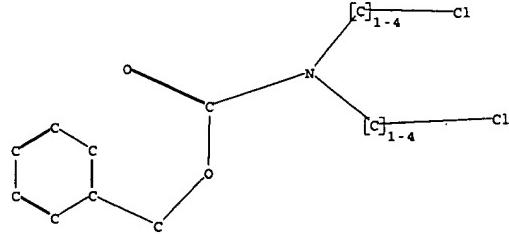
normalized bonds :

1-2	1-6	2-3	3-4	4-5	5-6	28-29	28-33	29-30	30-31	31-32	32-33	45-46	45-50	46-47									
47-48	48-49	49-50	59-60	59-64	60-61	61-62	62-63	63-64	67-68	67-72	68-69	69-70											
70-71	71-72	78-79	78-83	79-80	80-81	81-82	82-83	86-87	86-91	87-88	88-89	89-90											
90-91																							

G1:[*1], [*2], [*3], [*4], [*5], [*6]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:CLASS 26:CLASS 28:Atom 29:Atom 30:Atom 31:Atom
32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom
42:CLASS 43:CLASS 45:Atom 46:Atom 47:Atom 48:Atom 49:Atom 50:Atom 51:Atom 52:Atom
53:Atom 54:Atom 55:CLASS 56:CLASS 57:CLASS 59:Atom 60:Atom 61:Atom 62:Atom 63:Atom
64:Atom 65:CLASS 66:CLASS 67:Atom 68:Atom 69:Atom 70:Atom 71:Atom 72:Atom 73:CLASS
74:CLASS 75:CLASS 76:CLASS 77:CLASS 78:Atom 79:Atom 80:Atom 81:Atom 82:Atom
83:Atom 84:CLASS 85:CLASS 86:Atom 87:Atom 88:Atom 89:Atom 90:Atom 91:Atom 92:CLASS
93:CLASS 94:CLASS 95:CLASS 96:CLASS 97:CLASS 98:CLASS 102:CLASS



chain nodes :

7 8 9 10 11 12 13 14 15

ring nodes :

1 2 3 4 5 6

chain bonds :

6-7 7-8 8-9 9-10 9-11 11-12 11-13 12-14 13-15

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

7-8 8-9 9-10 9-11 11-12 11-13

exact bonds :

6-7 12-14 13-15

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x

LOGINID:ssspta1611txm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * * Welcome to STN International * * * * * * * * * * *

| | | | |
|--------------|----|--------|---|
| NEWS | 1 | | Web Page URLs for STN Seminar Schedule - N. America |
| NEWS | 2 | Dec 17 | The CA Lexicon available in the CAPLUS and CA files |
| NEWS | 3 | Feb 06 | Engineering Information Encompass files have new names |
| NEWS | 4 | Feb 16 | TOXLINE no longer being updated |
| NEWS | 5 | Apr 23 | Search Derwent WPINDEX by chemical structure |
| NEWS | 6 | Apr 23 | PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA |
| NEWS | 7 | May 07 | DGENE Reload |
| NEWS | 8 | Jun 20 | Published patent applications (A1) are now in USPATFULL |
| NEWS | 9 | JUL 13 | New SDI alert frequency now available in Derwent's DWPI and DPCI |
| NEWS | 10 | Aug 23 | In-process records and more frequent updates now in MEDLINE |
| NEWS | 11 | Aug 23 | PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA |
| NEWS | 12 | Aug 23 | Adis Newsletters (ADISNEWS) now available on STN |
| NEWS | 13 | Sep 17 | IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH |
| NEWS | 14 | Oct 09 | Korean abstracts now included in Derwent World Patents Index |
| NEWS | 15 | Oct 09 | Number of Derwent World Patents Index updates increased |
| NEWS | 16 | Oct 15 | Calculated properties now in the REGISTRY/ZREGISTRY File |
| NEWS | 17 | Oct 22 | Over 1 million reactions added to CASREACT |
| NEWS | 18 | Oct 22 | DGENE GETSIM has been improved |
| NEWS | 19 | Oct 29 | AAASD no longer available |
| NEWS | 20 | Nov 19 | New Search Capabilities USPATFULL and USPAT2 |
| NEWS | 21 | Nov 19 | TOXCENTER(SM) - new toxicology file now available on STN |
| NEWS | 22 | Nov 29 | COPPERLIT now available on STN |
| NEWS | 23 | Nov 29 | DWPI revisions to NTIS and US Provisional Numbers |
| NEWS | 24 | Nov 30 | Files VETU and VETB to have open access |
| NEWS EXPRESS | | | August 15 CURRENT WINDOWS VERSION IS V6.0c,
CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001 |
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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:39:15 ON 30 NOV 2001

=> file reg
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 0.15 | 0.15 |

FILE 'REGISTRY' ENTERED AT 15:39:21 ON 30 NOV 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 29 NOV 2001 HIGHEST RN 372477-76-4
DICTIONARY FILE UPDATES: 29 NOV 2001 HIGHEST RN 372477-76-4

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

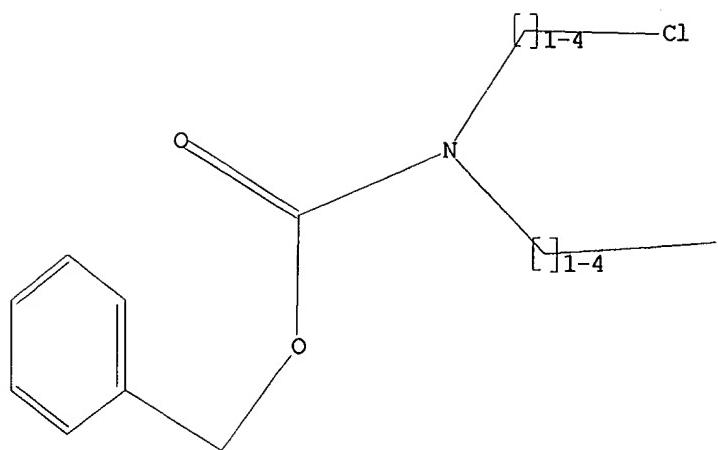
Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 09633697a.str

L1 STRUCTURE uploaded

=> s l1 sim
COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
The query entered contains both search terms created by
structure-building or screen commands and text search terms. L#s
created via the STRUCTURE or SCREEN commands must be searched in the
structures files separately from text terms or profiles. The L#
answer sets from structure searches can be used in crossover searches
and can be combined with text terms.

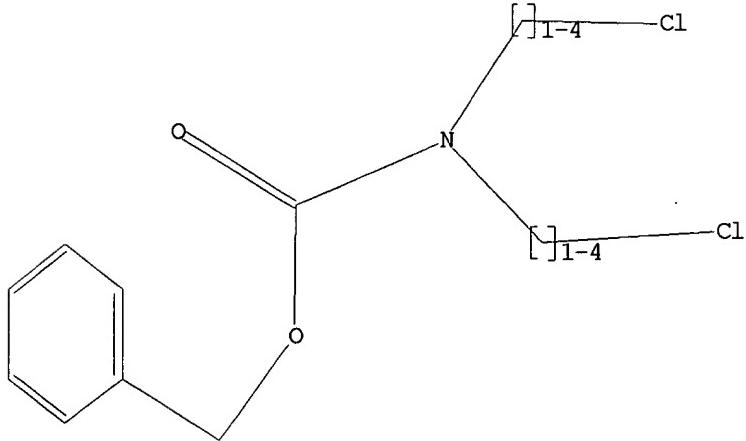
=> d sim
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

```
=>  
Uploading 09633697a.str  
L2      STRUCTURE UPLOADED
```

```
=> d sim  
L2 HAS NO ANSWERS  
L2      STR
```



Structure attributes must be viewed using STN Express query preparation.

```
=> s 12  
SAMPLE SEARCH INITIATED 15:41:24 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -      25 TO ITERATE
```

100.0% PROCESSED 25 ITERATIONS

1 ANSWERS

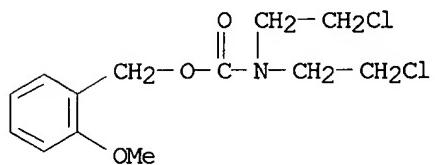
SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 200 TO 800
PROJECTED ANSWERS: 1 TO 80

L3 1 SEA SSS SAM L2

=> d scan

L3 1 ANSWERS REGISTRY COPYRIGHT 2001 ACS
IN Carbamic acid, bis(2-chloroethyl)-, (2-methoxyphenyl)methyl ester (9CI)
MF C13 H17 Cl2 N O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

```
=> s 12 sss full
FULL SEARCH INITIATED 15:41:58 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      536 TO ITERATE
```

```
100.0% PROCESSED      536 ITERATIONS
SEARCH TIME: 00.00.05
```

13 ANSWERS

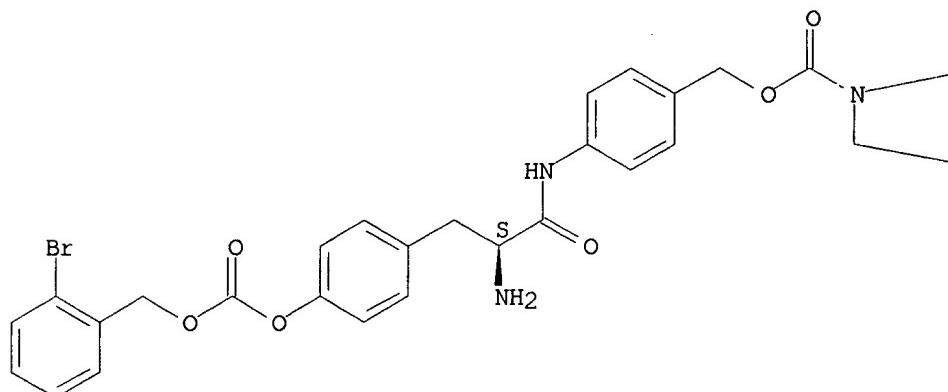
```
L4          13 SEA SSS FUL L2
```

```
=> d 1-13 ide cbib pi
```

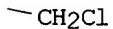
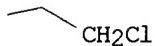
L4 ANSWER 1 OF 13 REGISTRY COPYRIGHT 2001 ACS
RN 303963-82-8 REGISTRY
CN Carbonic acid, 4-[(2S)-2-amino-3-[[4-[[[[bis(2-chloroethyl)amino]carbonyl]oxy]methyl]phenyl]amino]-3-oxopropyl]phenyl (2-bromophenyl)methyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C29 H30 Br Cl2 N3 O6
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B



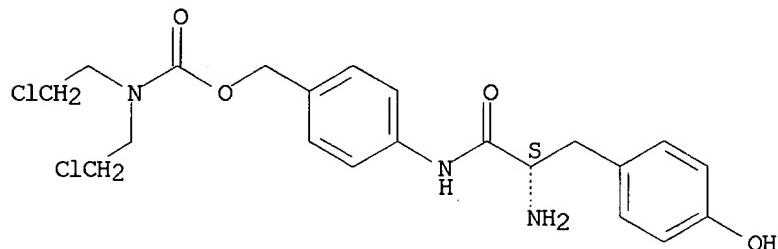
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:329235 Towards enzyme activated antiprostatic agents.
Jones, G. B.; Mitchell, M. O.; Weinberg, J. S.; D'Amico, A. V.; Bubley, G.
J. (Bioorganic and Medicinal Chemistry Laboratories, Department of Chemistry, Northeastern University, Boston, MA, 02115, USA). Bioorg. Med. Chem. Lett., 10(17), 1987-1989 (English) 2000. CODEN: BMCLE8. ISSN: 0960-894X. Publisher: Elsevier Science Ltd..

L4 ANSWER 2 OF 13 REGISTRY COPYRIGHT 2001 ACS
RN 303963-81-7 REGISTRY
CN Carbamic acid, bis(2-chloroethyl)-,
[4-[(2S)-2-amino-3-(4-hydroxyphenyl)-
1-oxopropyl]amino]phenylmethyl ester (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C21 H25 Cl2 N3 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT

Absolute stereochemistry.



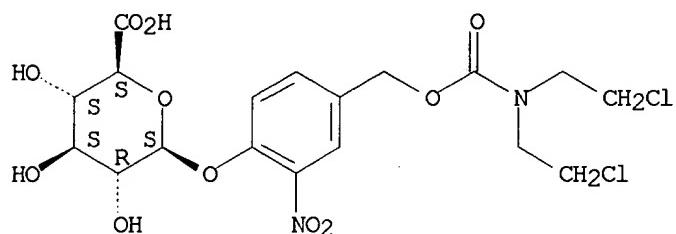
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:329235 Towards enzyme activated antiprostatic agents.
Jones, G. B.; Mitchell, M. O.; Weinberg, J. S.; D'Amico, A. V.; Bubley,
G.
J. (Bioorganic and Medicinal Chemistry Laboratories, Department of
Chemistry, Northeastern University, Boston, MA, 02115, USA). Bioorg.
Med.
Chem. Lett., 10(17), 1987-1989 (English) 2000. CODEN: BMCLE8. ISSN:
0960-894X. Publisher: Elsevier Science Ltd..

L4 ANSWER 3 OF 13 REGISTRY COPYRIGHT 2001 ACS
RN 302937-46-8 REGISTRY
CN .beta.-D-Glucopyranosiduronic acid, 4-[[[[bis(2-chloroethyl)amino]carbonyl]oxy]methyl]-2-nitrophenyl (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C18 H22 Cl2 N2 O11
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

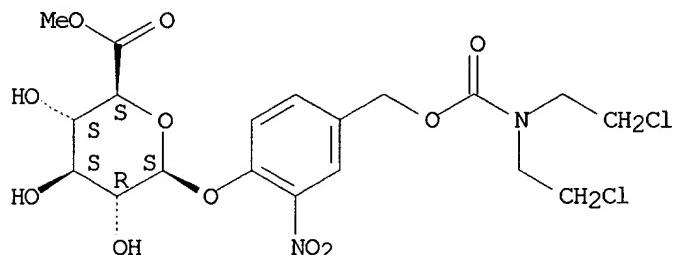
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:322086 Synthesis and cytotoxic activity of a glucuronylated

prodrug of nornitrogen mustard. Papot, S.; Combaud, D.; Bosslet, K.; Gerken, M.; Czech, J.; Gesson, J.-P. (Laboratoire de Synthese et Reactivite des Substances Naturelles, Universite de Poitiers et CNRS, Poitiers, F-86022, Fr.). Bioorg. Med. Chem. Lett., 10(16), 1835-1837 (English) 2000. CODEN: BMCLE8. ISSN: 0960-894X. Publisher: Elsevier Science Ltd..

L4 ANSWER 4 OF 13 REGISTRY COPYRIGHT 2001 ACS
RN 302937-44-6 REGISTRY
CN .beta.-D-Glucopyranosiduronic acid, 4-[{bis(2-chloroethyl)amino}carbonyl]oxy]methyl]-2-nitrophenyl, methyl ester (9CI)
(CA INDEX NAME)
FS STEREOSEARCH
MF C19 H24 Cl2 N2 O11
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

Absolute stereochemistry.



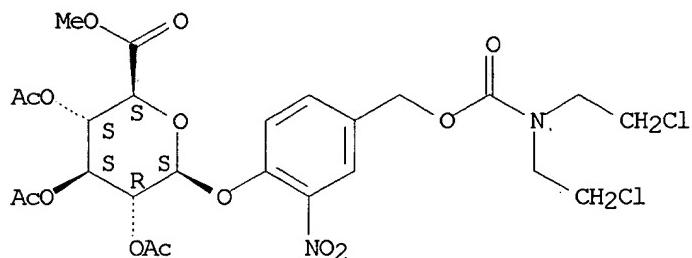
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:322086 Synthesis and cytotoxic activity of a glucuronylated prodrug of nornitrogen mustard. Papot, S.; Combaud, D.; Bosslet, K.; Gerken, M.; Czech, J.; Gesson, J.-P. (Laboratoire de Synthese et Reactivite des Substances Naturelles, Universite de Poitiers et CNRS, Poitiers, F-86022, Fr.). Bioorg. Med. Chem. Lett., 10(16), 1835-1837 (English) 2000. CODEN: BMCLE8. ISSN: 0960-894X. Publisher: Elsevier Science Ltd..

L4 ANSWER 5 OF 13 REGISTRY COPYRIGHT 2001 ACS
RN 302937-42-4 REGISTRY
CN .beta.-D-Glucopyranosiduronic acid, 4-[[[[bis(2-chloroethyl)amino]carbonyloxy]methyl]-2-nitrophenyl, methyl ester, 2,3,4-triacetate (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H30 Cl2 N2 O14
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

Absolute stereochemistry.

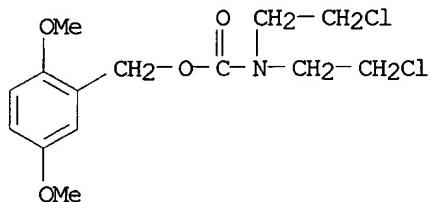


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 133:322086 Synthesis and cytotoxic activity of a glucuronylated prodrug of nornitrogen mustard. Papot, S.; Combaud, D.; Bosslet, K.; Gerken, M.; Czech, J.; Gesson, J.-P. (Laboratoire de Synthese et Reactivite des Substances Naturelles, Universite de Poitiers et CNRS, Poitiers, F-86022, Fr.). Bioorg. Med. Chem. Lett., 10(16), 1835-1837 (English) 2000. CODEN: BMCLE8. ISSN: 0960-894X. Publisher: Elsevier Science Ltd..

L4 ANSWER 6 OF 13 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-27-8 REGISTRY
 CN Carbamic acid, bis(2-chloroethyl)-, (2,5-dimethoxyphenyl)methyl ester
 (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN DMU 338
 FS 3D CONCORD
 MF C14 H19 Cl2 N O4
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT



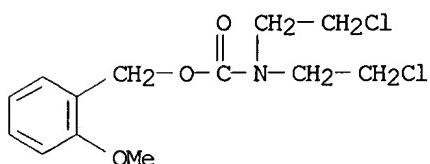
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.
 PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE | |
|------------|------------|--|-----------------|----------------|----------|
| PI | WO 9940944 | A2 | 19990819 | WO 1999-GB416 | 19990210 |
| | WO 9940944 | A3 | 19990923 | | |
| | W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | |
| | RW: | GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |
| | GB 2334256 | A1 | 19990818 | GB 1998-2957 | 19980212 |
| | AU 9925315 | A1 | 19990830 | AU 1999-25315 | 19990210 |
| | EP 1069915 | A2 | 20010124 | EP 1999-905005 | 19990210 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | |

L4 ANSWER 7 OF 13 REGISTRY COPYRIGHT 2001 ACS
RN 238761-26-7 REGISTRY
CN Carbamic acid, bis(2-chloroethyl)-, (2-methoxyphenyl)methyl ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C13 H17 Cl2 N O3
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

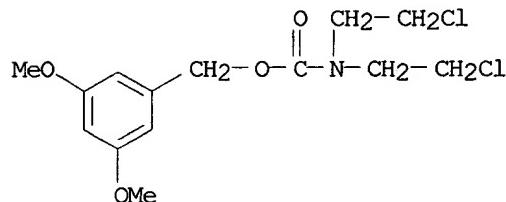
REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.

PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

PATENT NO. KIND DATE APPLICATION NO. DATE

| | | | | | |
|----|--|----|----------|----------------|----------|
| PI | WO 9940944 | A2 | 19990819 | WO 1999-GB416 | 19990210 |
| | WO 9940944 | A3 | 19990923 | | |
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MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU,
TJ, TM | | | | |
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FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
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| | EP 1069915 | A2 | 20010124 | EP 1999-905005 | 19990210 |
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IE, FI | | | | |

L4 ANSWER 8 OF 13 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-25-6 REGISTRY
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 (9CI) (CA INDEX NAME)
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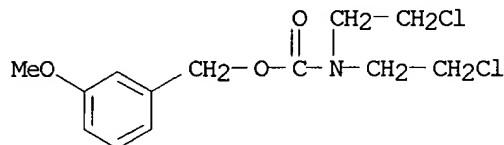
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1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Pötter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.
 PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| EP 1069915 | A2 | 20010124 | EP 1999-905005 | 19990210 |
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L4 ANSWER 9 OF 13 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-24-5 REGISTRY
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 (CA INDEX NAME)
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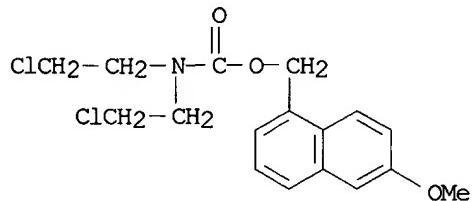
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1 REFERENCES IN FILE CA (1967 TO DATE)
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REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.
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| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI WO 9940944 | A2 | 19990819 | WO 1999-GB416 | 19990210 |
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| EP 1069915 | A2 | 20010124 | EP 1999-905005 | 19990210 |
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L4 ANSWER 10 OF 13 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-22-3 REGISTRY
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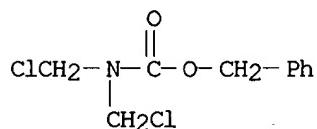
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1 REFERENCES IN FILE CA (1967 TO DATE)
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REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.
 PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE | |
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| | WO 9940944 | A3 | 19990923 | | |
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L4 ANSWER 11 OF 13 REGISTRY COPYRIGHT 2001 ACS
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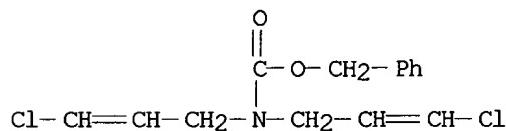
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1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:330742 Preparation of triazinones as herbicides. Itoh,
 Shigeyuki; Nakamura, Satoko; Tanaka, Yasushi (Takeda Chemical Industries,
 Ltd., Japan). PCT Int. Appl. WO 9849150 A1 19981105, 185 pp. DESIGNATED
 STATES: W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE,
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 PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO
 1998-JP1872 19980423. PRIORITY: JP 1997-109941 19970425.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| AU 9870802 | A1 | 19981124 | AU 1998-70802 | 19980423 |
| JP 11005784 | A2 | 19990112 | JP 1998-113705 | 19980423 |
| JP 11302252 | A2 | 19991102 | JP 1998-159753 | 19980608 |

L4 ANSWER 12 OF 13 REGISTRY COPYRIGHT 2001 ACS
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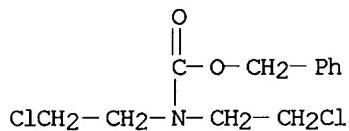
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1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 105:129474 Herbicide compositions of extended soil life.
 Pallos, Ferenc Marcus; Gray, Reed Alden (Stauffer Chemical Co., USA).
 Eur. Pat. Appl. EP 175332 A2 19860326, 64 pp. DESIGNATED STATES: R: AT,
 BE, CH, DE, FR, GB, IT, LI, NL. (English). CODEN: EPXXDW. APPLICATION:
 EP 1985-111703 19850916. PRIORITY: US 1984-652710 19840919; US
 1985-767141 19850821.

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| | AT 73610 | E | 19920415 | AT 1985-111703 | 19850916 |
| | RO 92246 | B1 | 19870730 | RO 1985-120127 | 19850917 |
| | ZA 8507146 | A | 19860625 | ZA 1985-7146 | 19850918 |
| | HU 41232 | A2 | 19870428 | HU 1985-3516 | 19850918 |
| | HU 198829 | B | 19891228 | | |
| | CS 268804 | B2 | 19900411 | CS 1985-6646 | 19850918 |
| | SU 1591797 | A3 | 19900907 | SU 1985-3955492 | 19850918 |
| | IL 76407 | A1 | 19900917 | IL 1985-76407 | 19850918 |
| | DK 8504254 | A | 19860320 | DK 1985-4254 | 19850919 |
| | CN 85107560 | A | 19870218 | CN 1985-107560 | 19851015 |
| | CN 1030679 | B | 19960117 | | |
| | US 5171356 | A | 19921215 | US 1991-712774 | 19910610 |

L4 ANSWER 13 OF 13 REGISTRY COPYRIGHT 2001 ACS
 RN 72791-76-5 REGISTRY
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1967 TO DATE)
 2 REFERENCES IN FILE CPLUS (1967 TO DATE)

REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.
 PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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REFERENCE 2: 92:93580 Formation of 2-oxazolidinones from
 N-benzyloxycarbonyl-2,2'-dichlorodiethylamine; demonstration of chloride

catalysis. Amble, Erik; Dale, Johannes (Kjem. Inst., Univ. Oslo, Oslo, Norway). Acta Chem. Scand., Ser. B, B33(8), 584-6 (English) 1979.

CODEN:

ACBOCV. ISSN: 0302-4369.

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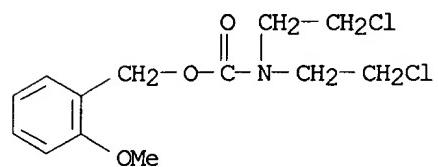
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

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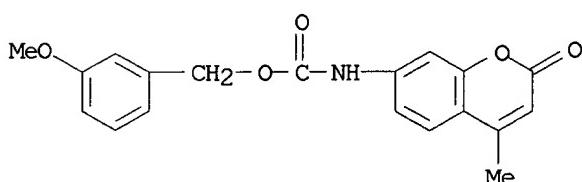
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L9 ANSWER 1 OF 21 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-33-6 REGISTRY
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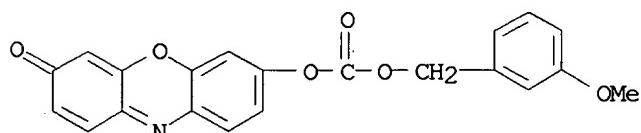
1 REFERENCES IN FILE CA (1967 TO DATE)
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REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.

PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE | |
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| PI | WO 9940944 | A2 | 19990819 | WO 1999-GB416 | 19990210 |
| | WO 9940944 | A3 | 19990923 | | |
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| | GB 2334256 | A1 | 19990818 | GB 1998-2957 | 19980212 |
| | AU 9925315 | A1 | 19990830 | AU 1999-25315 | 19990210 |
| | EP 1069915 | A2 | 20010124 | EP 1999-905005 | 19990210 |
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L9 ANSWER 2 OF 21 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-32-5 REGISTRY
 CN Carbonic acid, (3-methoxyphenyl)methyl 3-oxo-3H-phenoxyazin-7-yl ester
 (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C21 H15 N O6
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT



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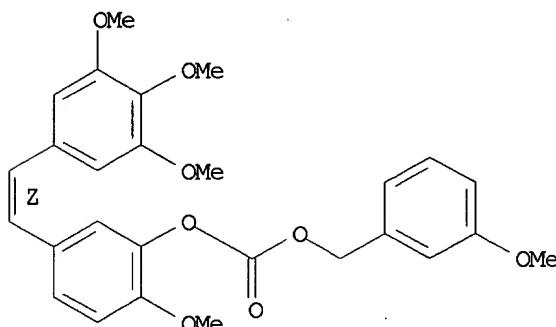
1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.
 PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE | |
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| | AU 9925315 | A1 | 19990830 | AU 1999-25315 | 19990210 |
| | EP 1069915 | A2 | 20010124 | EP 1999-905005 | 19990210 |
| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | | |

L9 ANSWER 3 OF 21 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-31-4 REGISTRY
 CN Carbonic acid, (3-methoxyphenyl)methyl 2-methoxy-5-[(1Z)-2-(3,4,5-trimethoxyphenyl)ethenyl]phenyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN DMU 336
 FS STEREOSEARCH
 MF C27 H28 O8
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

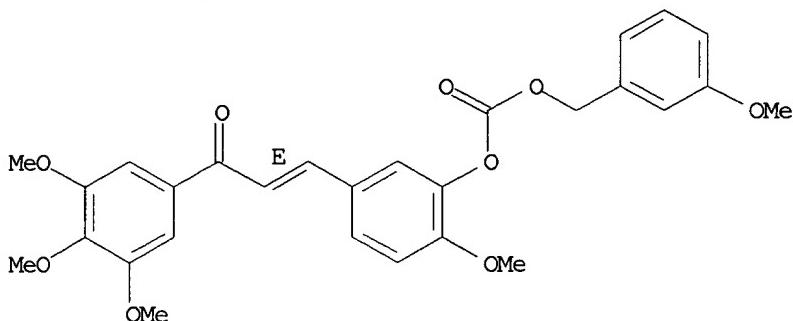
REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.
 PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

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RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | |
| GB 2334256 | A1 | 19990818 | GB 1998-2957 | 19980212 |

AU 9925315 A1 19990830 AU 1999-25315 19990210
EP 1069915 A2 20010124 EP 1999-905005 19990210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI

L9 ANSWER 4 OF 21 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-30-3 REGISTRY
 CN Carbonic acid, 2-methoxy-5-[(1E)-3-oxo-3-(3,4,5-trimethoxyphenyl)-1-propenyl]phenyl (3-methoxyphenyl)methyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN DMU 337
 FS STEREOSEARCH
 MF C28 H28 O9
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG.
 (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210.

PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| WO 9940944 | A3 | 19990923 | | |
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| | RW: | GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | |
| GB 2334256 | A1 | 19990818 | GB 1998-2957 | 19980212 |
| AU 9925315 | A1 | 19990830 | AU 1999-25315 | 19990210 |

EP 1069915 A2 20010124 EP 1999-905005 19990210
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI

L9 ANSWER 5 OF 21 REGISTRY COPYRIGHT 2001 ACS

RN 238761-28-9 REGISTRY

CN 1(2H)-Pyrimidinecarboxylic acid, 4-fluoro-3,6-dihydro-2,6-dioxo-,
(3-methoxyphenyl)methyl ester (9CI) (CA INDEX NAME)

OTHER NAMES:

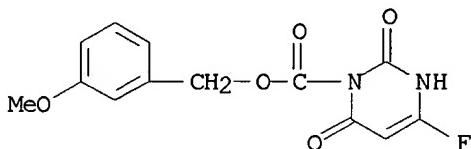
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FS 3D CONCORD

MF C13 H11 F N2 O5

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT



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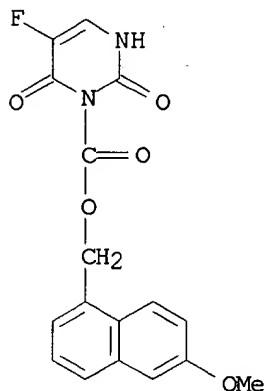
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REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210. PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

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| | R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI | | 19990210 |

L9 ANSWER 6 OF 21 REGISTRY COPYRIGHT 2001 ACS
 RN 238761-23-4 REGISTRY
 CN 1(2H)-Pyrimidinecarboxylic acid, 5-fluoro-3,6-dihydro-2,6-dioxo-,
 (6-methoxy-1-naphthalenyl)methyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN DMU 339
 FS 3D CONCORD
 MF C17 H13 F N2 O5
 SR CA
 LC STN Files: CA, CAPLUS, TOXCENTER, TOXLIT



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REFERENCE 1: 131:175072 Hydroxylation-activated drug release, and prodrug preparation. Potter, Gerard Andrew; Patterson, Lawrence Hylton; Burke, Michael Danny (De Montfort University, UK). PCT Int. Appl. WO 9940944 A2 19990819, 53 pp. DESIGNATED STATES: W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB416 19990210. PRIORITY: GB 1998-2957 19980212; US 1998-115016 19980714.

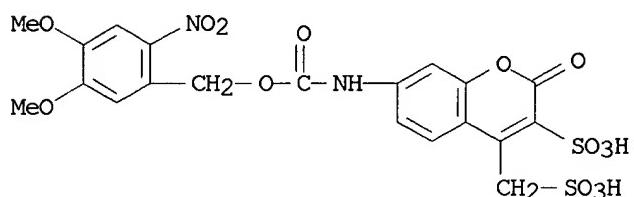
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| | RW: | GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | |

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|--|----|----------|----------------|----------|
| GB 2334256 | A1 | 19990818 | GB 1998-2957 | 19980212 |
| AU 9925315 | A1 | 19990830 | AU 1999-25315 | 19990210 |
| EP 1069915 | A2 | 20010124 | EP 1999-905005 | 19990210 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI | | | | |

L9 ANSWER 7 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 200554-36-5 REGISTRY
CN 2H-1-Benzopyran-4-methanesulfonic acid, 7-[[(4,5-dimethoxy-2-nitrophenyl)methoxy]carbonyl]amino]-2-oxo-3-sulfo-, compd. with pyridine (1:2) (9CI) (CA INDEX NAME)
MF C20 H18 N2 O14 S2 . 2 C5 H5 N
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

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CRN 200554-35-4
CMF C20 H18 N2 O14 S2



CM 2

CRN 110-86-1
CMF C5 H5 N

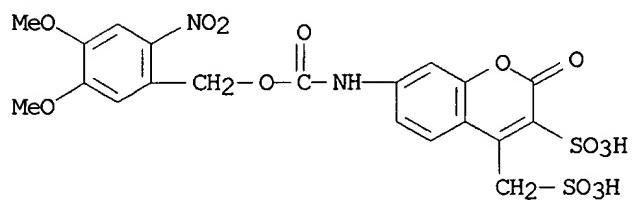


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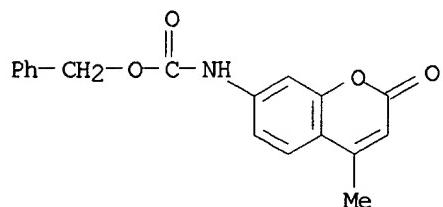
REFERENCE 1: 128:72636 Sulfonated derivatives of 7-aminocoumarin. Wang, Hui-ying; Leung, Wai-yee; Mao, Fei (Molecular Probes, Inc., USA). U.S. US 5696157 A 19971209, 23 pp. (English). CODEN: USXXAM. APPLICATION: US 1996-749753 19961115.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI US 5696157 | A | 19971209 | US 1996-749753 | 19961115 |

L9 ANSWER 8 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 200554-35-4 REGISTRY
CN 2H-1-Benzopyran-4-methanesulfonic acid, 7-[[(4,5-dimethoxy-2-nitrophenyl)methoxy]carbonyl]amino]-2-oxo-3-sulfo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H18 N2 O14 S2
CI COM
SR CA



L9 ANSWER 9 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 120042-29-7 REGISTRY
CN Carbamic acid, (4-methyl-2-oxo-2H-1-benzopyran-7-yl)-, phenylmethyl ester
(9CI) (CA INDEX NAME)
FS 3D CONCORD
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LC STN Files: CA, CAPLUS

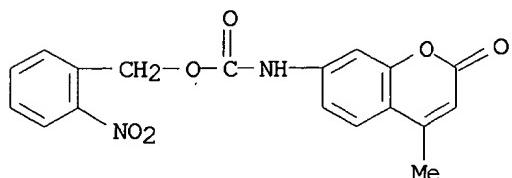


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REFERENCE 1: 110:170051 Identification of a developmentally regulated cysteine protease of *Trypanosoma brucei*. Pamer, Eric G.; So, Magdalene; Davis, Charles E. (Cent. Mol. Genet., Univ. California, San Diego, CA, 92103, USA). *Mol. Biochem. Parasitol.*, 33(1), 27-32 (English) 1989.
CODEN: MBIPDP. ISSN: 0166-6851.

L9 ANSWER 10 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 119178-63-1 REGISTRY
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(2-nitrophenyl)methyl ester (9CI) (CA INDEX NAME)
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LC STN Files: CA, CAPLUS

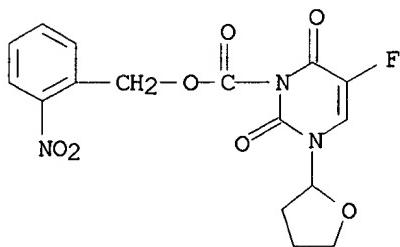


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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 110:94650 Photoactivatable fluorophores. 1. Synthesis and photoactivation of o-nitrobenzyl-quenched fluorescent carbamates. Cummings, Richard T.; Krafft, Grant A. (Dep. Chem., Syracuse Univ., Syracuse, NY, 13244-1200, USA). Tetrahedron Lett., 29(1), 65-8 (English) 1988. CODEN: TELEAY. ISSN: 0040-4039.

L9 ANSWER 11 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 98653-02-2 REGISTRY
CN 1(2H)-Pyrimidinecarboxylic acid, 5-fluoro-3,6-dihydro-2,6-dioxo-3-(tetrahydro-2-furanyl)-, (2-nitrophenyl)methyl ester (9CI) (CA INDEX NAME)
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SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
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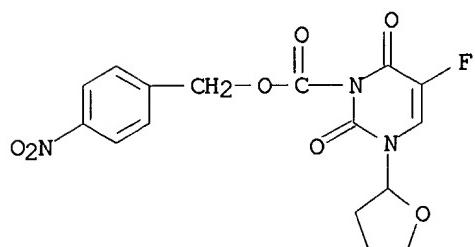


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1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 104:68665 (o- and p-Nitrobenzyloxycarbonyl)-5-fluorouracil derivatives as potential conjugated bioreductive alkylating agents. Lin, Tai Shun; Wang, Lin; Antonini, Ippolito; Cosby, Lucille A.; Shiba, David A.; Kirkpatrick, D. Lynn; Sartorelli, Alan C. (Sch. Med., Yale Univ., New Haven, CT, 06510, USA). J. Med. Chem., 29(1), 84-9 (English) 1986.
CODEN: JMCMAR. ISSN: 0022-2623.

L9 ANSWER 12 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 98653-01-1 REGISTRY
CN 1(2H)-Pyrimidinecarboxylic acid, 5-fluoro-3,6-dihydro-2,6-dioxo-3-(tetrahydro-2-furanyl)-, (4-nitrophenyl)methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H14 F N3 O7
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
(*File contains numerically searchable property data)

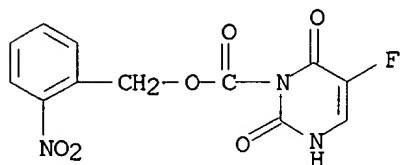


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 104:68665 (o- and p-Nitrobenzyloxycarbonyl)-5-fluorouracil derivatives as potential conjugated bioreductive alkylating agents. Lin, Tai Shun; Wang, Lin; Antonini, Ippolito; Cosby, Lucille A.; Shiba, David A.; Kirkpatrick, D. Lynn; Sartorelli, Alan C. (Sch. Med., Yale Univ., New Haven, CT, 06510, USA). J. Med. Chem., 29(1), 84-9 (English) 1986.
CODEN: JMCMAR. ISSN: 0022-2623.

L9 ANSWER 13 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 98653-00-0 REGISTRY
CN 1(2H)-Pyrimidinecarboxylic acid, 5-fluoro-3,6-dihydro-2,6-dioxo-,
(2-nitrophenyl)methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C12 H8 F N3 O6
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
(*File contains numerically searchable property data)

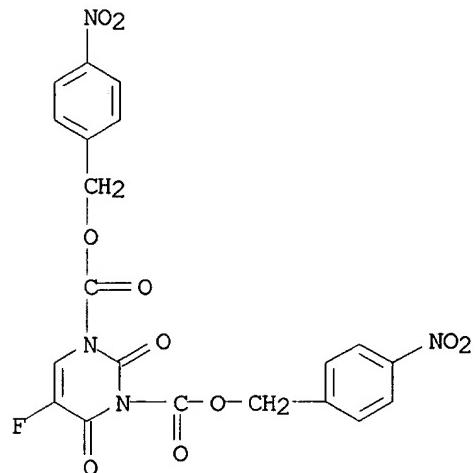


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 104:68665 (o- and p-Nitrobenzyloxycarbonyl)-5-fluorouracil derivatives as potential conjugated bioreductive alkylating agents. Lin, Tai Shun; Wang, Lin; Antonini, Ippolito; Cosby, Lucille A.; Shiba, David A.; Kirkpatrick, D. Lynn; Sartorelli, Alan C. (Sch. Med., Yale Univ., New Haven, CT, 06510, USA). J. Med. Chem., 29(1), 84-9 (English) 1986.
CODEN: JMCMAR. ISSN: 0022-2623.

L9 ANSWER 14 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 98652-99-4 REGISTRY
CN 1,3(2H,4H)-Pyrimidinedicarboxylic acid, 5-fluoro-2,4-dioxo-,
bis[(4-nitrophenyl)methyl] ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H13 F N4 O10
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
(*File contains numerically searchable property data)

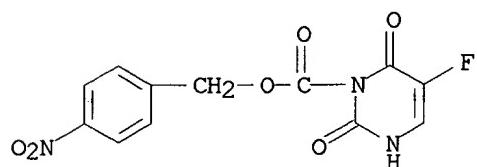


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 104:68665 (o- and p-Nitrobenzyloxycarbonyl)-5-fluorouracil derivatives as potential conjugated bioreductive alkylating agents. Lin, Tai Shun; Wang, Lin; Antonini, Ippolito; Cosby, Lucille A.; Shiba, David A.; Kirkpatrick, D. Lynn; Sartorelli, Alan C. (Sch. Med., Yale Univ., New Haven, CT, 06510, USA). J. Med. Chem., 29(1), 84-9 (English) 1986.
CODEN: JMCMAR. ISSN: 0022-2623.

L9 ANSWER 15 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 98652-98-3 REGISTRY
CN 1(2H)-Pyrimidinecarboxylic acid, 5-fluoro-3,6-dihydro-2,6-dioxo-,
(4-nitrophenyl)methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C12 H8 F N3 O6
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
(*File contains numerically searchable property data)

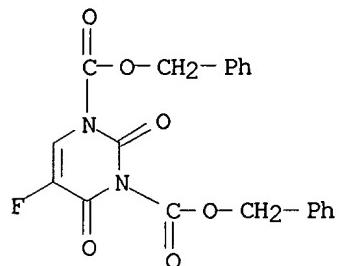


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1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 104:68665 (o- and p-Nitrobenzyloxycarbonyl)-5-fluorouracil derivatives as potential conjugated bioreductive alkylating agents. Lin, Tai Shun; Wang, Lin; Antonini, Ippolito; Cosby, Lucille A.; Shiba, David A.; Kirkpatrick, D. Lynn; Sartorelli, Alan C. (Sch. Med., Yale Univ., New Haven, CT, 06510, USA). J. Med. Chem., 29(1), 84-9 (English) 1986.
CODEN: JMCMAR. ISSN: 0022-2623.

L9 ANSWER 16 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 93525-34-9 REGISTRY
CN 1,3(2H,4H)-Pyrimidinedicarboxylic acid, 5-fluoro-2,4-dioxo-,
bis(phenylmethyl) ester (9CI) (CA INDEX NAME)
OTHER NAMES:
CN N1,N3-Bis(benzyloxycarbonyl)-5-fluorouracil
FS 3D CONCORD
MF C20 H15 F N2 O6
LC STN Files: CA, CAPLUS, TOXLIT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

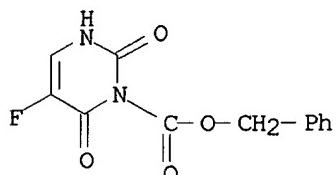
1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 102:12247 Prodrugs of 5-fluorouracil. II. Hydrolysis kinetics, bioactivation, solubility and lipophilicity on N-alkoxycarbonyl derivatives of 5-fluorouracil. Buur, Anders; Bundgaard, Hans (Dep.

Pharm.

Chem., R. Dan. Sch. Pharm., Copenhagen, DK-2100, Den.). Arch. Pharm. Chemi, Sci. Ed., 12(2), 37-44 (English) 1984. CODEN: AVPCCS. ISSN: 0302-248X.

L9 ANSWER 17 OF 21 REGISTRY COPYRIGHT 2001 ACS
 RN 75410-29-6 REGISTRY
 CN 1(2H)-Pyrimidinecarboxylic acid, 5-fluoro-3,6-dihydro-2,6-dioxo-,
 phenylmethyl ester (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 3-Benzoyloxycarbonyl-5-fluorouracil
 CN N3-Benzoyloxycarbonyl-5-fluorouracil
 FS 3D CONCORD
 MF C12 H9 F N2 O4
 LC STN Files: BEILSTEIN*, CA, CAPLUS, TOXCENTER, TOXLIT
 (*File contains numerically searchable property data)

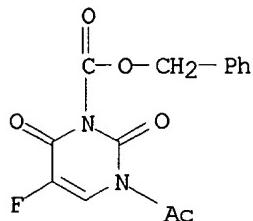


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1967 TO DATE)
 4 REFERENCES IN FILE CAPLUS (1967 TO DATE)

- REFERENCE 1: 119:62362 Chemical and biological degradation of 5-fluorouracil prodrugs having high serum albumin binding potencies. Suda, Yasuo; Shimidzu, Kenji; Sumi, Masao; Kusumoto, Shoichi; Nadai, Tanekazu; Yamashita, Shinji (Fac. Sci., Osaka Univ., Toyonaka, 560, Japan). Biol. Pharm. Bull., 16(3), 322-4 (English) 1993. CODEN: BPBLEO.
- REFERENCE 2: 102:12247 Prodrugs of 5-fluorouracil. II. Hydrolysis kinetics, bioactivation, solubility and lipophilicity on N-alkoxycarbonyl derivatives of 5-fluorouracil. Buur, Anders; Bundgaard, Hans (Dep. Pharm. Chem., R. Dan. Sch. Pharm., Copenhagen, DK-2100, Den.). Arch. Pharm. Chem., Sci. Ed., 12(2), 37-44 (English) 1984. CODEN: AVPCCS. ISSN: 0302-248X.
- REFERENCE 3: 95:7325 5-Fluorouracil derivatives. (Grelan Pharmaceutical Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 56016474 19810217 Showa, 3 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1979-90453 19790718.
- | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| PI JP 56016474 | A2 | 19810217 | JP 1979-90453 | 19790718 |
- REFERENCE 4: 93:220691 Studies on the syntheses of heterocyclic compounds. 845. Studies on the synthesis of chemotherapeutics. 10. Synthesis and antitumor activity of N-acyl- and N-(alkoxycarbonyl)-5-fluorouracil derivatives. Kametani, Tetsuji; Kigasawa, Kazuo; Hiiragi, Mineharu; Wakisaka, Kikuo; Haga, Seiji; Nagamatsu, Yasuo; Sugi, Hideo; Fukawa, Kazunaga; Irino, Osamu; et al. (Pharm. Inst., Tohoku Univ., Sendai, 980, Japan). J. Med. Chem., 23(12), 1324-9 (English) 1980. CODEN: JMCMAR. ISSN: 0022-2623.

L9 ANSWER 18 OF 21 REGISTRY COPYRIGHT 2001 ACS
 RN 75410-26-3 REGISTRY
 CN 1(2H)-Pyrimidinecarboxylic acid,
 3-acetyl-5-fluoro-3,6-dihydro-2,6-dioxo-,
 phenylmethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C14 H11 F N2 O5
 LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER
 (*File contains numerically searchable property data)



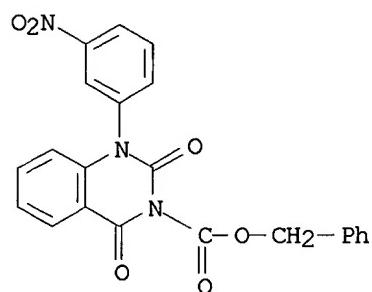
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1967 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 95:7325 5-Fluorouracil derivatives. (Grelan Pharmaceutical Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 56016474 19810217 Showa, 3 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1979-90453 19790718.
 PATENT NO. KIND DATE APPLICATION NO. DATE
 ----- ----- ----- -----
 PI JP 56016474 A2 19810217 JP 1979-90453 19790718

REFERENCE 2: 93:220691 Studies on the syntheses of heterocyclic compounds. 845. Studies on the synthesis of chemotherapeutics. 10. Synthesis and antitumor activity of N-acyl- and N-(alkoxycarbonyl)-5-fluorouracil derivatives. Kametani, Tetsuji; Kigasawa, Kazuo; Hiiragi, Mineharu; Wakisaka, Kikuo; Haga, Seiji; Nagamatsu, Yasuo; Sugi, Hideo; Fukawa, Kazunaga; Irino, Osamu; et al. (Pharm. Inst., Tohoku Univ., Sendai, 980, Japan). J. Med. Chem., 23(12), 1324-9 (English) 1980. CODEN: JMCMAR.
 ISSN: 0022-2623.

L9 ANSWER 19 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 60415-08-9 REGISTRY
CN 3(2H)-Quinazolinecarboxylic acid,
1,4-dihydro-1-(3-nitrophenyl)-2,4-dioxo-
, phenylmethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H15 N3 O6
LC STN Files: CA, CAPLUS



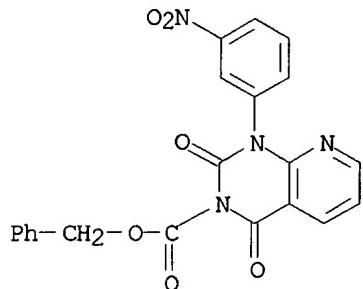
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 85:123960 3-Alkyl-1-(m-nitrophenyl)quinazoline-2,4-diones.
Noda, Kanji; Nakagawa, Akira; Hachiya, Terumi; Ide, Hiroyuki (Hisamitsu
Pharmaceutical Co., Ltd., Japan). Japan. Kokai JP 50148368 19751127
Showa, 5 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1974-48031
19740425.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| PI JP 50148368 | A2 | 19751127 | JP 1974-48031 | 19740425 |
| JP 57061743 | B4 | 19821225 | | |

L9 ANSWER 20 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 58638-76-9 REGISTRY
CN Pyrido[2,3-d]pyrimidine-3(2H)-carboxylic acid, 1,4-dihydro-1-(3-nitrophenyl)-2,4-dioxo-, phenylmethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H14 N4 O6
LC STN Files: CA, CAPLUS



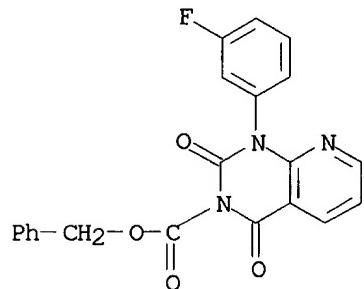
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1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 84:121895 Pyrido[2,3-d]pyrimidinedione. Noda, Kanji; Nakagawa,
Akira; Noguchi, Kazuki; Yoshitake, Tadaaki; Ide, Hiroyuki (Hisamitsu
Pharmaceutical Co., Ltd., Japan). Japan. Kokai JP 50142596 19751117
Showa, 6 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1974-38586
19740403.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| PI JP 50142596 | A2 | 19751117 | JP 1974-38586 | 19740403 |
| | B4 | 19821209 | | |

L9 ANSWER 21 OF 21 REGISTRY COPYRIGHT 2001 ACS
RN 58638-27-0 REGISTRY
CN Pyrido[2,3-d]pyrimidine-3(2H)-carboxylic acid, 1-(3-fluorophenyl)-1,4-dihydro-2,4-dioxo-, phenylmethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H14 F N3 O4
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 84:121895 Pyrido[2,3-d]pyrimidinedione. Noda, Kanji; Nakagawa,

Akira; Noguchi, Kazuki; Yoshitake, Tadaaki; Ide, Hiroyuki (Hisamitsu Pharmaceutical Co., Ltd., Japan). Japan. Kokai JP 50142596 19751117 Showa, 6 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1974-38586 19740403.

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----------------|------|----------|-----------------|----------|
| PI JP 50142596 | A2 | 19751117 | JP 1974-38586 | 19740403 |
| | B4 | 19821209 | | |

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